

## SR 240 – Tri-Cities Additional Lanes

# Richland Wye Roundabout



## Why build a roundabout?

### ■ Safety

Studies show that roundabouts are significantly safer than traffic signals. People drive more slowly through a roundabout, reducing the frequency and severity of accidents. In addition, drivers can no longer run a red light or turn left in front of oncoming cars, actions that can result in severe or fatal injuries.

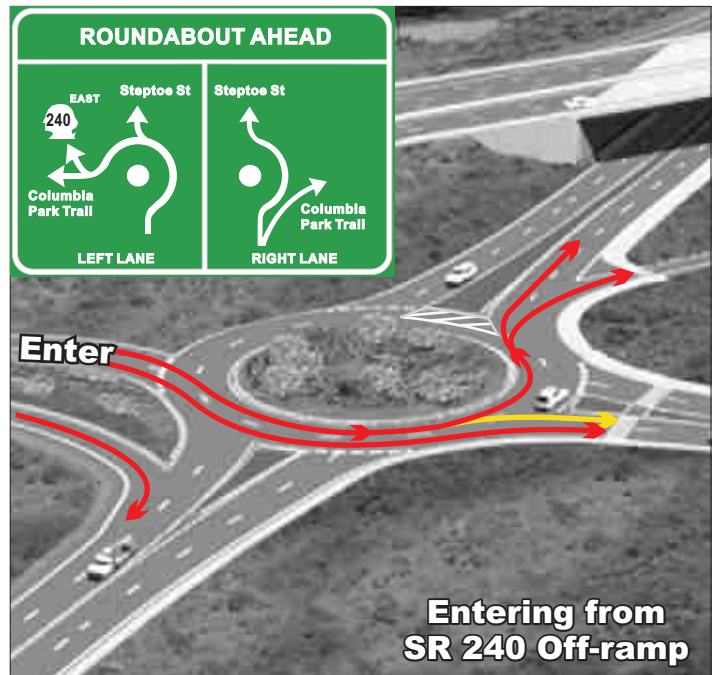
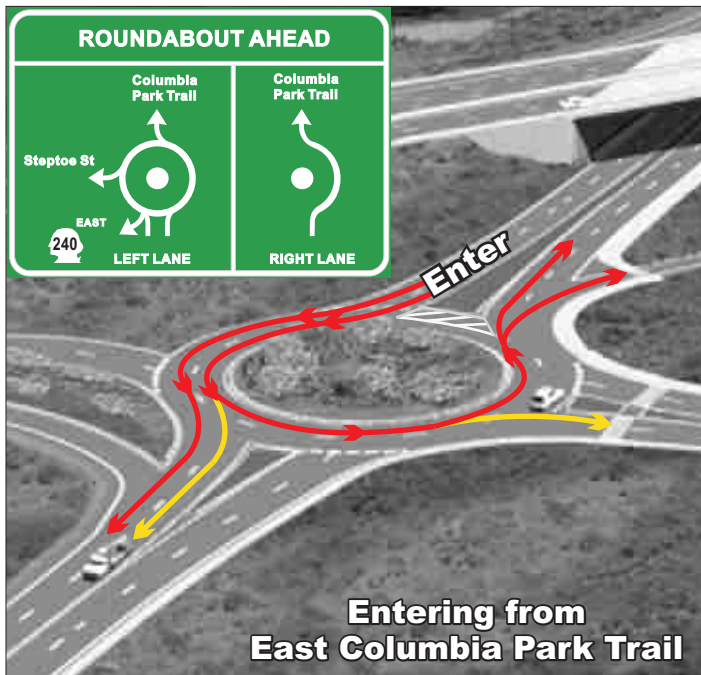
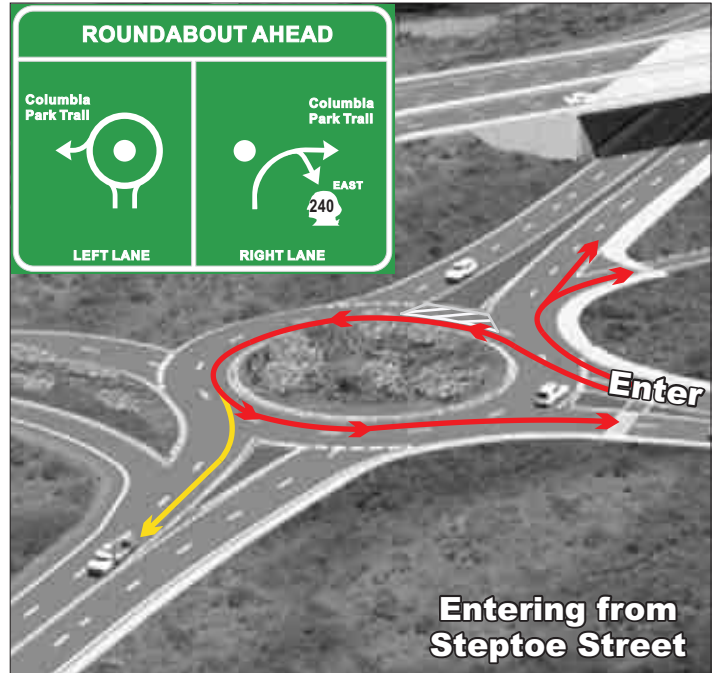
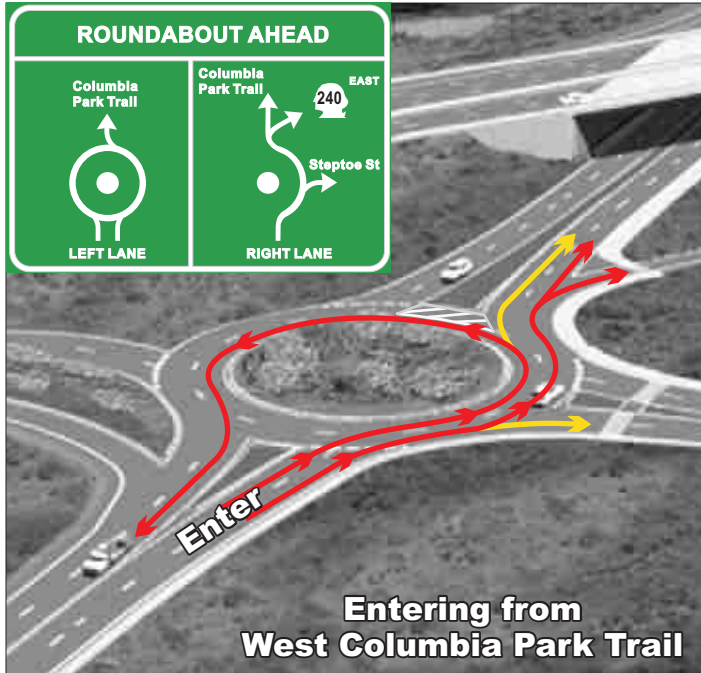
The Insurance Institute For Highway Safety reports that roundabouts sharply reduce crashes. Researchers at Ryerson Polytechnic University found a 39 percent overall decrease in crashes and a 76 percent decrease in injury-producing crashes. Collisions involving fatal or incapacitating injuries fell as much as 90 percent.

### ■ Economic and Environmental Benefits

Roundabouts are more economical and environmentally friendly than intersections with traffic signals. Roundabouts eliminate maintenance and electricity costs associated with traffic signals. Fuel consumption and air pollution decrease due to the significant reduction in wait time. Traffic moves through the intersection more quickly because motorists simply yield rather than stop and wait for a green light.

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→ Mandatory movement

→ Optional movement

### How to navigate the roundabout

- Approach in the left lane to turn left or go through.
- Approach in the right lane to turn right or go through.
- It is not necessary to change lanes in the roundabout.

